

IN THE CLAIMS:

1. (Original) A semiconductor light emitting device having a luminous layer, comprising:
a light transmission layer disposed over a main surface of the luminous layer, and
having depressions on a surface facing away from the luminous layer; and
a transmission membrane disposed on the light transmission layer so as to follow
contours of the depressions, wherein
light from the luminous layer is irradiated so as to pass through the light transmission
layer and the transmission membrane.
2. (Original) A semiconductor light emitting device according to Claim 1, wherein a
surface of the membrane facing away from the light transmission layer is substantially flat.
3. (Original) A semiconductor light emitting device according to Claim 1, wherein a main
component of the membrane is one of polyimide, epoxy, and silicone.
4. (Original) A semiconductor light emitting device according to Claim 1, wherein a main
component of the membrane is glass.
5. (Original) A semiconductor light emitting device according to Claim 1, wherein the
membrane contains a luminous substance that is excitable by the light from the luminous layer.
6. (Original) A semiconductor light emitting device according to Claim 5, wherein the
light from the luminous layer is converted into white light by passing through the membrane.
7. (Original) A semiconductor light emitting device according to Claim 5, irradiating
white light generated by light from the luminous substance being excited mixing with the light
from the luminous layer.

8. (Original) A semiconductor light emitting device according to Claim 1, wherein the depressions are at an interval equal to or greater than $\lambda/4$, λ being a wavelength of the light from the luminous layer.
9. (Original) A semiconductor light emitting device according to Claim 1, wherein the light transmission layer is formed from at least a light transmission substrate, and the luminous layer is sandwiched between a plurality of layers and is disposed over the light transmission substrate.
10. (Original) A semiconductor light emitting device according to Claim 9, wherein the depressions are on a main surface of the light transmission substrate facing away from the luminous layer.
11. (Original) A semiconductor light emitting device according to Claim 9, wherein the light transmission substrate is made of a material having a refractive index that is substantially equal to a refractive index of the luminous layer.
12. (Original) A semiconductor light emitting device according to Claim 11, wherein the material for the light transmission substrate is selected from a group of GaN, SiC, and AlN.
13. (Original) A semiconductor light emitting device according to Claim 9, wherein a reflective film is disposed on a surface of the luminous layer facing away from the light transmission layer.
14. (Original) A semiconductor light emitting device according to Claim 1, being a light emitting diode device.
15. (Original) A semiconductor light emitting device according to Claim 1, being a Vertical

Cavity Surface Emitting Laser device.

16. (Original) A semiconductor light emitting device according to Claim 1, being a Resonant Cavity Light Emitting Diode device.

17. (Original) A semiconductor light emitting device according to Claim 1, being a Surface Mount Device.

18. (Original) A lighting apparatus comprising a mounting substrate, and a semiconductor light emitting device mounted on a pad on a surface of the mounting substrate, wherein:

the semiconductor light emitting device includes;

a luminous layer;

a light transmission layer disposed over a main surface of the luminous layer, and having depressions on a surface facing away from the luminous layer; and

a transmission membrane disposed on the light transmission layer so as to follow contours of the depressions, and

light from the luminous layer is irradiated so as to pass through the light transmission layer and the transmission membrane.

19. (Original) A lighting apparatus according to Claim 18, wherein a surface of the membrane facing away from the light transmission layer is substantially flat.

20. (Original) A lighting apparatus according to Claim 18, wherein a main component of the membrane is glass.

21. (Original) A display apparatus comprising a mounting substrate, and a plurality of semiconductor light emitting devices each mounted on a pad on a surface of the mounting substrate, wherein

each of the semiconductor light emitting devices includes:

a luminous layer;

a light transmission layer disposed over a main surface of the luminous layer, and having depressions on a surface facing away from the luminous layer; and

a transmission membrane disposed on the light transmission layer so as to follow contours of the depressions, and

light from the luminous layer is irradiated so as to pass through the light transmission layer and the transmission membrane.

22. (Original) A display apparatus according to Claim 21, wherein a surface of the membrane facing away from the light transmission layer is substantially flat.

23. (Original) A display apparatus according to Claim 21, wherein a main component of the membrane is glass.

24. - 30. (Cancelled)